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RANGELAND PROGRAM SUMMARY for the LEMHI RESOURCE AREA

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U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SALMON DISTRICT, IDAHO
June 1987

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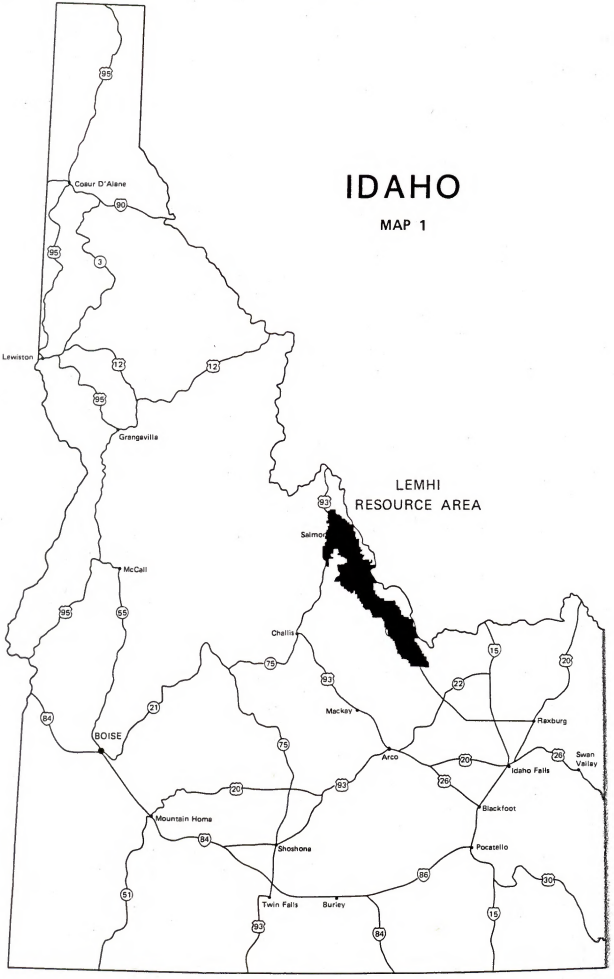
MAP 1



GENERAL LOCATION MAP

ITEM HAS BEEN DIGITIZED

RANGELAND PROGRAM SUMMARY
FOR
THE LEMHI RESOURCE MANAGEMENT PLAN

INTRODUCTION

This Rangeland Program Summary (RPS) summarizes the grazing decisions reached as a result of the Lemhi Resource Management Plan/Environmental Impact Statement (RMP/EIS) and for the 8 grazing allotments from the Ellis-Pahsimeroi EIS area which are now part of the Lemhi Resource Area. These decisions, based on the information provided from our planning and consultation process, will give direction for range management, in the Lemhi Resource Area, towards the improvements and maintenance of the range resource according to a multiple-use and sustained yield concept. The decisions include: 1) the kind of livestock; 2) the period of grazing use; 3) the level of grazing use; and 4) the allotments within which grazing use will occur. This RPS also summarizes the rangeland monitoring and evaluation efforts to be made.

BACKGROUND

An ecological site inventory was conducted during 1981, 1982, and 1983 to determine the ecological condition of the public range lands. This inventory revealed that 2,324 acres of excellent, 267,207 acres of good, 136,914 acres of fair and 1,064 acres of poor ecological condition range currently exist. Also, 47,198 acres were not classified because they consisted of talus slopes or rock outcrops with slopes in excess of 50 percent or dense timber stands that provide little forage for livestock.

An apparent trend inventory was conducted in conjunction with the ecological site inventory. Trend may be explained as the direction a plant community is heading compared to where it is now. For this inventory if the plant community succession is towards the potential plant community or towards management objectives then the trend is upward. Conversely if the plant community succession is away from the potential plant community or management objectives, then the trend is downward. The results of the apparent trend inventory are: 27 percent upward; 59 percent static; and 13 percent downward.

These inventories, along with consultation with range users, concerned agencies and other existing data, enabled the BLM to sort grazing allotments into three categories which help focus attention on areas of highest concern. All grazing allotments were assigned one of three management categories, I (improve), M (maintain), and C (custodial). Allotments in unsatisfactory condition or with significant resource conflicts but good potential for improvement are classified as "I". Allotments in satisfactory condition are classified as "M". Allotments that have low potential, or consist of small isolated tracts, are classified as "C". The category for each allotment is shown in Table 1. Of the 89 allotments, 55 are in category "I", 16 are in category "M" and 17 are in category "C". Also of the 8 Ellis-Pahsimeroi allotments, 4 are in category "I", 1 is in category "M", and 3 are in category "C". This gives a total reakdown of 59 "I", 17 "M", and 20 "C" category allotments.

ITEM HAS BEEN DIGITIZED

Most range problems in the Lemhi area can be attributed to four major factors: repetitive early grazing of spring range; overutilization of riparian zones and meadows, both wet and dry; the spread of noxious plants; and the division of old grazing units into small grazing allotments.

OBJECTIVES

The objectives of the rangeland management program for the Lemhi RMP are:

1. Manage 459,481 acres for grazing.

2. Improve 595 acres of poor condition range to good and 21,876 acres of fair condition range to good.

3. Provide 52,632 animal unit months (AUMs) of livestock forage in 20 years.

Required Management Actions

In the long-term, reductions would be made on 46 allotments, increases would occur on 6, and 36 would remain unchanged. Grazing adjustments would be made over the 20-year life of the RMP and would occur only after conducting monitoring studies and coordinating with affected users. The initial stocking level of 43,602 AUMs would be below the active preference and the five-year average use. The long-term stocking level of 52,632 AUMs would be 18 percent below the active preference but only 2 percent below the five-year average use. Proposed improvements would include 22,700 acres of brush control, 4,400 acres of seedings, 32 springs, 50 miles of pipelines, 4 reservoirs, and 63 miles of fences. Selected allotment management plans (AMPs) would be designed to maintain or enhance forage for wintering elk herds (8,800 acres).

The long-term active preference of 52,632 AUMs is expected to be achieved within the 20 year life of the RMP. The current and proposed active preference and percent of adjustment are shown by allotment in Table 3.

Individual allotment objectives and associated management actions are shown in Table 2. Table 2 is a refinement of Table B-4 from the Draft Lemhi RMP and EIS, page B-27. It portrays the management actions required to meet multiple use objectives and solve problems and conflicts addressed in the RMP. This table covers only the "I" category allotments. It does not contain the "M" or "C" category allotments because they will be managed to maintain the status quo in regards to range management.

All the allotments are listed in priority order for monitoring and management action on Table 4. This priority ranking will also help guide the budgeting process for range improvement expenditures.

The current active preference of 63,898 AUMs is the starting point from which adjustments either upward or downward will be made. The proposed initial active preference of 43,602 AUMs is the short-term stocking level that will be reached over a period of 4 to 5 years.

RANGELAND MONITORING AND EVALUATION

The current active preference of 63,898 AUMs is the starting point from which adjustments either upward or downward will be made. The proposed preference of 52,632 AUMs is a target level that will be reached over a period of several years. Land tenure adjustments (changes in land ownership) must have occurred or public land must have been allocated to another public purpose and monitoring studies must have born out the need for adjustments in grazing preference. The current and proposed preference and the percent of adjustment are shown by allotment in Table 3.

Adjustments will be implemented through coordination and consultation with the permittees involved. Data from actual grazing use studies, forage level utilization studies, and long-term range trend studies (when available) will be used to arrive at adjusted stocking levels. This will be an on-going process rather than a one-time adjustment. It is Bureau policy that decisions adjusting grazing preference will not be solely based on a one-point-in-time inventory.

If agreement cannot be reached with individual permittees on the amount of grazing adjustment needed to balance active preference with forage productivity, needed adjustments will be implemented by formal decision under Title 43 Code of Federal Regulations. When livestock use adjustments are implemented by decision, the decision will be based upon operator consultation and monitoring of resource conditions. All adjustments will be made in the manner specified in current regulations. Most adjustments by decision, either upward or downward, will be scheduled in stages, unless there are compelling reasons to do otherwise. This will allow monitoring of allotment conditions after an initial adjustment and again after a secondary adjustment. If needed, a third adjustment will be given.

When grazing preference changes are made because of land tenure adjustments, the affected permittees will be given written notice two years before the preference is adjusted. The two-year notification may be waived by the affected party. Grazing adjustments resulting from public land sales, land exchanges, desert land entries, etc. will not be staged over a period of time. They will be one-time adjustments when the public land goes out of public ownership or is devoted to a public purpose which does not include livestock grazing. The lands in the transfer categories are shown on Map 3 of the Lemhi RMP/EIS. It is important to remember that lands so identified may not necessarily pass out of federal ownership or be devoted to another public purpose immediately. Those lands will be managed for multiple use, which includes livestock grazing, until such time as action is taken on specific parcels.

The results of implementing the selected RMP will be examined periodically to inform the BLM resource managers and the public of the progress of the plan. The results being achieved under the plan will be compared with the plan objectives. The methods used to evaluate this progress is outlined in the following Lemhi Resource Area Range Monitoring Plan.

LEMHI RESOURCE AREA RANGE MONITORING PLAN

The Lemhi Range Monitoring Program will focus primarily on utilization, actual use, and trend, correlated with weather as the principal source of data for evaluation purposes. Vegetative production, ecological condition, phenology, prescribed fire data, photo record and livestock counts along with watershed data may also be collected to complement utilization, actual use, and trend data on allotments with known resource use conflicts or other controversy. Key riparian areas may also require intensive monitoring.

Monitoring Priorities

Our monitoring program is, and will be, limited by the availability of personnel and funds. The following priorities will be used to determine the order and intensity allotments will be monitored.

Priority 1. All "I" category allotments with highest priority due to apparent problems and conflicts.

Priority 2. All "I" category allotments with moderate priority due to apparent problems and conflicts.

Priority 3. All remaining "I" category allotments with lower priority.

Priority 4. "M" category allotments with allotment management plans.

Priority 5. "M" category allotments without allotment management plans.

Priority 6. All "C" category allotments.

Table 4 shows allotment monitoring by priority.

Monitoring Intensity

The intensity of sampling and selection of monitoring procedures will be determined by the management objectives for each allotment. These objectives take into account such factors as: 1) resource conflicts, 2) intensity of planned management program, 3) diversity of vegetation types, and 4) personnel and funding capabilities.

Intensity of monitoring will correspond largely with the priorities identified in Table 4.

Methods

There are various methods available for collecting monitoring data. The methods that will be considered are outlined in detail in the Bureau's Technical Reference series - TR-4400-1 Planning for Monitoring, TR-4400-2 Actual Use Studies, TR 4400-3 Utilization Studies, TR 4400-4 Trend Studies, and TR 4400-7 Analysis Interpretation and Evaluation. Also, Technical References TR 4400-5 Supplementary Studies, TR 4400-6 Climate/Weather, and TR 4400-8 Statistical Analysis will be used when they become available in 1987. The details of methods to be used will be available at the Salmon District Office.

User Participation

Permittees will be notified in advance and will be invited to participate in all phases of the monitoring. Actual use record keeping will be their responsibility. They will be important in identifying key areas. There is always the opportunity for them to collect additional weather data. The permittee will also be needed to identify unusual problems that occur within their allotment.

MULTIPLE-USE RESOURCE MONITORING

Many of the other resource values found on the public lands are affected by the range program. In order to evaluate these effects other resources will be monitored. This monitoring effort is portrayed in the Resource Monitoring and Evaluation Plan (Table 5).

TABLE 1
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Tower Creek	6101	7	4,409			39	4,241			129	S	I	C	05/01	09/30
Badger Springs	6102	9	9,210	640	120	440	7,413	1,168		189	S	I	C/S	05/01	08/11
													H	05/01	08/31
Bird Creek	6103	2	1,720				513	731		476	S	I	C	05/16	06/10
Diamond Creek	6104	1	309				133	100	46	30	S	C	C	05/12	06/17
Freeman Creek	6105	1	1,919				316	164		1,439	S	I	C	05/16	08/15
South Carmen Creek	6106	8	15,042	225			5,680	7,396		1,966	S	I	C	05/16	08/15
Derlar Creek	6107	3	852				265	587			S-D	I	C	05/12	06/02
Fenster Creek	6108	1	205				137	68			S-D	C	C	05/01	06/05
Kirtley Creek	6109	1	2,197	705			979	25		1,193	S	C	C/S	05/01	08/31
Geertson Creek	6110	3	11,762	135	722		2,360	4,597		4,805	S	I	C	05/01	09/10
Bob Moore	6111	1	1,148	560			164	686	149	149	S-D	I	C	05/12	05/31
Chipps Creek	6112	1	1,669				119	1,168		382	U	C	C	05/11	06/11
Bohannon Creek	6113	1	6,249	636			2,016	734		3,499	S	M	C	05/17	10/12
West Fork Wimpey Creek	6114	1	2,750				226	455		2,069	U	I	C	05/01	08/31
Coal Mine Gulch	6115	1	1,456				586	816		54		I	C	05/01	06/30
Hot Springs	6116	5	9,523	240			2,400	5,898		1,225	S	I	C	05/01	07/15
Perreau Creek	6117	2	2,194				860	1,291		43	U-S	I	C	05/11	06/10
Joe Moore	6118	2	2,263	640			807	1,444		12	U-S	I	C	05/03	08/07

U = Upward
S = Static
D = Downward

I = Improve
M = Maintain
C = Custodial

C = Cattle
H = Horses
S = Sheep

TABLE 1 (Continued)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES			BLM ECOLOGICAL CONDITION					APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE	
			BLM	STATE	PRIVATE	EXCELLENT	GOOD	FAIR	POOR	UNMAPPED				FROM	TO
East Fork Wimpey Creek	6119	1	1,692					437		1,255	D	M	C	05/01	07/15
Pratt Creek	6120	1	4,319	83				2,032		2,287	S	I	C	05/16	09/30
Pronghorn	6121	2	771					499		272		M	C	05/21	08/20
County Road	6122	2	362					335		27	D	C	C	05/09	07/02
Baker Creek	6123	3	5,499	80			2,859	2,449		191	S	I	C	05/16	09/15
Williams Creek	6124	2	2,867				459	1,302		1,106	S	I	C	05/01	06/30
Henry Creek	6125	1	1,459			220	808			431	S	M	C	05/06	06/15
Lake Creek	6126	2	2,464				253	2,017		194	S	I	C	05/01	08/15
Ten Mile	6127	1	1,466				528			938		M	C	05/01	07/15
Wimpey Creek	6128	1	2,004	218			701	511		792	S	I	C	05/09	07/02
Dummy Creek	6129	0	2,812				234	582		1,996		I			
Haynes Creek	6201	4	7,157	2,600	320	168	6,322	506		161	S	M	C	05/01	09/30
Lower Basin	6202	2	2,894	480			2,025	815		54	U	I	C	05/16	09/30
Baldy Basin	6203	5	11,607		80	273	7,008	2,949	53	1,324	U	I	C	05/16	09/30
McDevitt Creek	6204	1	13,373	1,160	100	47	9,336	3,990				I	C	05/21	10/15
Grouse Creek	6205	7	17,617	716			9,445	7,477		695		I	C/H	05/01	10/15
Basin Creek	6206	1	67							67		C	C	06/16	11/15
McNutt Creek	6207	1	638				638					C	C	06/01	06/27
Roostercomb	6208	2	6,988	483			2,204	4,511		273	S	I	C	05/11	09/28

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TABLE 1 (Continued)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Little Sawmill	6209	2	9,118	1,280	500		5,247	3,657		214	U-S	I	C	05/01	09/30
Mill Creek	6210	1	344				321			23		C	C	05/22	08/11
Walters	6211	2	1,703				1,427			276	U	I	C	05/01	06/15
Lee Creek	6212	1	2,149				458	1,621		70	U	I	C	05/11	06/30
Big Springs	6213	1	1,042					701	341		D	M	C	05/01	09/30
													H	05/01	07/31
Horse Heaven	6214	2	1,484					1,484			D	I	C	05/20	06/19
													H	06/05	09/30
Everson Creek	6215	2	279							279		C	C	05/01	10/15
													H	06/01	09/30
Big Eightmile	6216	2	315							315		C	C	05/11	06/30
													H	05/11	11/15
NEF #1	6217	PUBLIC LAND DISPOSED - ALLOTMENT ELIMINATED													
NEF #2	6218	1	320					320			S	C	C	05/06	10/02
Dump	6219	1	361					361			S	C	C	05/01	06/20
State Section	6220	1	434	640				434			S	C	C	05/13	06/27
Deer Park	6221	1	234					222		12	S-D	C	C	05/20	06/19
Adams Creek	6222	1	234				171	63			S	C	C	05/16	08/15
Milk Creek	6223	1	844					844			S	I	C	05/01	06/15
													H	05/01	11/30
Timber Creek	6224	5	6,947		207		2,069	4,793		85	S-D	I	C	05/06	06/30
													H	05/01	06/06
													S	05/06	10/31

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TABLE 1 (Continued)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Leadore Hill	6225	1	2,713				884	1,212		617	S-D	I	C S	05/16 05/01	07/31 07/23
Sandy Creek	6226	3	3,605	640			3,333	219		53	S	M	C	05/01	08/31
Kinney Creek	6227	1	870				389	481			S	M	C	05/11	08/05
Rattlesnake	6228	2	1,374				1,038	327		9	S	M	C	05/11	09/10
Warm Springs	6229	1	6,619				3,245	3,374			S	I	C	05/16	10/30
Pattee Creek	6230	2	5,381				3,930	1,331		120	S	I	C	05/16	09/30
Gould Basin	6231	1	7,213	142	565		5,427	1,690	31	65	S	M	C/H	05/11	09/26
Squaw Creek	6232	1	7,472	160	145		6,254	1,161		57		I	C	05/21	09/20
Pritchard Gulch	6233	2	1,736				1,083			653	U	I	C	05/11	09/21
Big Dry Canyon	6234		2,080		45		1,060	167		853	U	I			
Napo Canyon	6235	2	5,335				1,665	3,320		350		I	C/S	05/10	08/31
Yearian Creek	6236	5	24,878	1,380			11,796	7,973		5,109	U	I	C H	05/11 05/01	10/20 11/30
Lower Reese Creek	6237	1	1,152					982		170	S	M	C	05/01	09/30
Cedar Gulch	6238	1	2,660	300			1,062	1,365		233	S	I	C	05/01	09/30
Little Eightmile	6239	1	2,899				2,755	7		137	S	I	S	11/10	01/13
Hollie Gulch	6240	1	2,703	440			2,331	304		68	S	I	C H	05/15 05/01	10/31 11/30
Jakes Canyon	6241	1	546					532		14	D	M	C	05/02	05/05

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TABLE 1 (Continued)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Turner	6242	1	119				119					C	C	05/01	09/31
Free Strip	6301	1	3,889				2,665	1,224			S	I	C	06/01	10/31
Leadore	6302	1	1,086					586	268	232	D	M	C/H	05/16	06/15
Leadville	6303	1	6,795				1,101	4,466		1,228	S	I	C	05/10	08/07
Hawley Creek	6304	2	7,321				439	6,646		236	S	I	C	05/01	06/30
														10/15	10/25
Bull Creek	6305	1	1,817				1,086	221		510	S	I	C	07/16	09/15
													H	05/01	11/30
Tex Creek	6306	2	2,681				1,899	782			S	I	C	05/10	07/09
													H	05/01	06/30
Powderhorn***	6307	1	28,765			38	16,620	10,235		1,872	U-S	I	C	05/01	10/15
Chamberlain Creek***	6308	2	19,633	1,289		897	15,226	770		2,740	U-S	I	C	06/01	09/30
													S	06/01	09/25
Center Ridge	6309	2	15,931				15,781	150			U	M	C	05/24	10/04
													S	05/22	07/13
Spring Canyon	6310	1	23,123	2,040	2,607		21,554	1,569			U-S	I	C	05/15	10/15
													S	05/01	09/10
Cottonwood***	6311	1	23,658			202	19,252	4,032	48	124	U-S	I	C	05/01	11/30
Smelter Gulch	6312	1	12,101				9,921	1,834		346	U-S	I	C	05/01	12/15
Indianhead	6313	2	11,828	640			9,292	2,536			S	I	C	05/16	12/15
													S	05/16	12/31
Mammoth/Sawmill	6314	1	16,066				15,207	859			U	I	C	07/25	12/12

*** Part of this allotment is in the Wilderness Study Area.

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C = Cattle
H = Horses
S = Sheep

TABLE 1 (Continued)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Coal Kiln	6315	1	9,087				5,605	3,482			U	I	S	05/01	07/15
													S	09/01	09/19
Purcell Creek	6316	1	902				198	576	128		S	M	S	05/01	06/30
Nez Perce	6317	1	3,809				3,381	23		405	S	I	C	05/25	11/15

EIGHTEENMILE WILDERNESS STUDY AREA

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES BLM	ACRES STATE	ACRES PRIVATE	BLM ECOLOGICAL CONDITION EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	APPARENT TREND	MANAGEMENT STATUS	KIND OF LIVESTOCK	SEASON OF USE FROM	SEASON OF USE TO
Powderhorn	6307	1	22,631			38	10,551	10,170		1,872	U-S	I	C	05/01	10/15
In Eighteenmile WSA			6,134				6,069	65							
Chamberlain Creek	6308	2	5,185	1,289			4,929	256			U-S	I	C	06/01	09/30
													S	06/01	09/25
In Eighteenmile WSA			14,448			897	10,297	514		2,740					
Cottonwood	6311	1	19,317			202	15,931	3,013	48	123	U-S	I	C	05/01	11/30
In Eighteenmile WSA			4,340				3,321	1,019							

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TABLE 1 (Concluded)
LEMHI RMP AREA GRAZING ALLOTMENTS AND LIVESTOCK USE

ALLOTMENTS ADDED TO THE LEMHI RESOURCE AREA FROM THE ELLIS-PAHSIMEROI EIS

ALLOTMENT NAME	ALLOT. #	NO. OF PERMITTEES	ACRES			BLM ECOLOGICAL CONDITION					APPARENT MANAGEMENT		KIND OF	SEASON OF USE	
			BLM	STATE	PRIVATE	EXCELLENT	GOOD	FAIR	POOR	UNMAPPED	TREND	STATUS	LIVESTOCK	FROM	TO
Camp Creek	4401	1	3,141				831	668		1,642	U	I	C,H	05/01	11/11
Second Creek	4402	1	2,464				742	616		1,106	S	C	C	05/04	11/11
Fenced Pasture	4403	1	7							7		C	H	05/01	12/31
Lime Creek	4404	1	2,380				1,194	907	192	87	S	C	C	04/26	06/19
Iron Creek	4405	1	10,869			372	2,673	3,744	675	3,405	S-U	I	C,H,S	04/21	11/30
Poison Creek	4406	2	4,740				2,684	1,375		641	S-U	I	C,S	04/27	11/11
Cabin Creek	4407	1	16,308			87	8,006	5,071	389	2,755	S	M	C,H	05/01	11/01
Findley Basin	4408	1	597		93		361	62	94	80	S	I	C	05/15	07/12

U = Upward I = Improve C = Cattle
S = Static M = Maintain H = Horses
D = Downward C = Custodial S = Sheep

TABLE 2
MANAGEMENT ACTIONS PLANNED FOR "I" CATEGORY ALLOTMENTS

MANAGEMENT ACTION NUMBER	MANAGEMENT ACTIONS
1	Implement brush control program in order to reduce sagebrush density.
2	Establish proper season and use area to reduce livestock/big game conflicts.
3	Meet with permittees and formally establish and document allotment boundary; plan for needed fences.
4	Improve livestock distribution by developing additional water sources; improve salting and require livestock movements after an acceptable level of utilization has been reached.
5	Modify portions of existing fences to types compatible with wildlife needs.
6	Implement weed control program to control the spread of noxious weeds.
7	Develop a grazing system and formalized AMP that is coordinated with the Forest Service.
8	Establish accepted levels of grazing utilization in areas identified as highly erodible soils in order to prevent excellerated erosion.
9	Reduce livestock death loss due to poisonous plants by delaying grazing until range readiness and/or implementing weed control program.
10	Improve condition and vigor of key forage species on designated areas by deferring use on all or part of the allotment.
11	Map utilization areas, monitor actual use in order to determine proper stocking rate and useable areas.
12	Develop additional water sources and/or upgrade existing developments to improve livestock distribution.
13	Improve condition of riparian areas through management, fencing and/or providing livestock water sources away from riparian areas.

TABLE 2 (Continued)
MANAGEMENT ACTIONS PLANNED FOR "I" CATEGORY ALLOTMENTS

MANAGEMENT ACTION NUMBER	MANAGEMENT ACTIONS
14	Maintain key forage plant vigor on designated areas by adjusting livestock turn-out dates.
15	Increase forage production by interseeding or plowing and seeding areas lacking key forage species.
16	Formally revise AMP changing season of use and use levels to reflect current operation and management objectives.
17	Combine into a more manageable unit by combining with adjoining allotment and develop AMP.
18	Develop a grazing system and formalize AMP and develop needed range improvements.
19	Improve range condition and vigor of key forage species by adjusting turn-out date, adjusting livestock numbers and/or revise AMP.
20	Graze 2 out of 3 years to provide rest to other allotments.
21	Designate a primary benefitting use and determine if livestock grazing will be allowed; if livestock grazing is allowed, determine AUM levels, season of use, operators, and allotment management plan.
22	If livestock use is allowed, manage for present and future wildlife use, manage for protection of riparian areas, set acceptable utilization levels, require salting in specific areas, require proper livestock distribution, require accurate actual use data, require an organized grazing system and allotment management plan.

The following is a list of the management actions required for each allotment. The management action numbers are described above.

TABLE 2
"I" CATEGORY ALLOTMENTS OBJECTIVES AND MANAGEMENT ACTIONS

ALLOT. NAME	#	MANAGEMENT ACTIONS	ALLOT. NAME	#	MANAGEMENT ACTIONS
Tower Creek	6101	6, 11, and 12	Lower Basin	6202	1, 2, 6, 7, 11, 12 and 15
Badger Springs	6102	6, 11, 12, 13 and 18	Baldy Basin	6203	1, 2, 6, 9, 10, 11, 12, 13 and 18
Bird Creek	6103	7, 12, 13 and 17	McDevitt Creek	6204	1, 2, 4, 6, 9, 10, 11, 12, 13 and 18
Freeman Creek	6105	6, 11, 12 and 18	Grouse Creek	6205	1, 4, 6, 9, 10, 11, 12, 13, 15 and 18
So. Carmen Creek	6106	1, 6, 8, 11, 12, 13, 14, 15, 16 and 18	Roostercomb	6208	1, 2, 4, 5, 11, 12, 14 and 16
Deriar Creek	6107	7, 11, 12 and 17	Little Sawmill	6209	1, 2, 5, 7, 9, 11 and 14
Geertson Creek	6110	4, 7, 8, 11, 12, 14, 15, 16 and 19	Walters	6211	1, 2, 4, 5, 11, 14 and 16
Bob Moore	6111	7, 11, 12 and 17	Lee Creek	6212	1, 2, 4, 5, 10, 11, 13, 14, 15 and 16
WF Wimpey Creek	6114	4, 8, 10, 11, 12 and 15	Horse Heaven	6214	2, 4, 5, 11, 12, 15 and 16
Coal Mine Gulch	6115	4, 8, 10, 11, 12 and 17	Milk Creek	6223	1, 2, 4, 5, 11, 12, 14 and 16
Hot Springs	6116	1, 2, 8, 10, 13 and 16	Timber Creek	6224	2, 4, 5, 7, 11, 12, 13, 14 and 15
Perreau Creek	6117	10, 12 and 13	Leadore Hill	6225	1, 2, 4, 5, 11, 13, 14 and 16
Joe Moore	6116	8, 10, 11, 12, 13 and 18	Warm Springs	6229	1, 6, 7, 8, 11, 12, 13 and 15
Pratt Creek	6120	1, 3, 4, 6, 10, 11, 12 and 15	Pattee Creek	6230	1, 2, 4, 8, 10, 11, 12, 13, 15 and 18
Baker Creek	6123	8, 11, 13 and 18			
Williams Creek	6124	1, 7, 11, 12 and 13			
Lake Creek	6126	1, 4, 10, 13 and 18			
Wimpey Creek	6128	1, 4, 8, 10, 11, 12, 13, 14, 15 and 18			
Du Creek	6129	12 and 20			

TABLE 2 (Concluded)
"I" CATEGORY ALLOTMENTS OBJECTIVES AND MANAGEMENT ACTIONS

ALLOT. NAME	#	MANAGEMENT ACTIONS	ALLOT. NAME	#	MANAGEMENT ACTIONS
Squaw Creek	6232	2, 3, 4, 6, 11, 12, 13 and 18	Cottonwood	6311	2, 4, 7, 8, 10, 11, 12, 14 and 16
Pritchard Gulch	6233	4, 11, 12, 14, 17 and 18	Smelter Gulch	6312	1, 2, 4, 5, 7, 8, 12, 14 and 17
Big Dry Canyon	6234	21 and 22	Indian Head	6313	1, 2, 3, 4, 5, 7, 11, 12, 14, 15
Napo Canyon	6235	1, 2, 4, 10, 11, 12, 17 and 18	Mammoth/Sawmill	6314	2, 4, 5, 11, 12 and 16
Yearian Creek	6236	1, 2, 3, 4, 5, 8, 9, 11, 13, 15 and 16	Coal Kiln	6315	1, 2, 4, 10, 12, 14, 16 and 17
Cedar Gulch	6238	1, 2, 4, 5, 12, 13, 14 and 16	Nez Perce	6317	1, 2, 5, 10, 11, 12 and 16
Little Flightmile	6239	2, 3, 11, 12 and 16			
			ALLOTMENTS FROM ELLIS-PAHSIMEROI EIS		
Mollie Gulch	6240	2, 6, 7, 10, 11, 12, 14, 15 and 16	Camp Creek	4401	4, 10 and 18
Free Strip	6301	1, 2, 5, 7 and 11	Iron Creek	4405	4, 10 and 18
Leadville	6303	2, 4, 5, 6, 10, 11, 12, 14 and 15	Poison Creek	4406	18
			Findley Basin	4408	1, 4, 15 and 18
Hawley Creek	6304	2, 4, 5, 6, 10, 11, 12, 14 and 15			
Bull Creek	6305	2, 5, 6, 11, 14 and 17			
Tex Creek	6306	1, 2, 4, 5, 10, 11, 12, 14 and 15			
Powderhorn	6307	1, 2, 5, 6, 10, 11, 14, 15, 16 and 17			
Chamberlain Creek	6308	1, 2, 4, 5, 7, 9, 11, 13, 16 and 17			
Sl g Canyon	6310	1, 2, 4, 5, 8, 9, 10, 11, 12, 14 and 16			

TABLE 3
PROPOSED LIVESTOCK GRAZING

Allotment Name	Active Preference AUMs	Short-Term AUMs	AP* %	AU** %	Long-Term AUMs	AP %	AU %	Acres Improved
Tower Creek	652	441	-32	+47	490	-25	+63	0
Badger Spr.	1,490	1,168	-22	0	1,490	0	+27	100
Bird Creek	129	129	0	-10	144	+12	0	100
Diamond Cr.	30	30	0	-12	30	0	-12	0
Freeman Creek	131	131	0	-4	131	0	-4	16
So. Carmen Cr.	2,309	1,563	-32	-30	1,720	-26	-23	750
Deriar Creek	160	85	-47	-23	93	-42	-15	100
Fenster Creek	58	58	0	+5	58	0	+5	0
Kirtley Creek	257	257	0	-1	257	0	-1	0
Geertson Creek	938	938	0	+6	938	0	+6	450
Bob Moore	154	115	-25	-22	125	-18	-14	375
Chipps Creek	42	42	0	-29	42	0	-29	0
Bohannon Creek	842	842	0	0	842	0	0	0
WF Wimpey Creek	100	75	-25	-38	100	0	-17	100
Coal Mine Gulch	156	117	-25	+179	156	0	+271	150
Hot Springs	925	635	-31	-39	794	-14	-23	3,932
Perreau Creek	175	146	-17	-8	193	+10	+21	300
Joe Moore	280	226	-19	-23	251	-10	-15	750
EF Wimpey Creek	153	86	-44	-26	117	-24	0	100
Pratt Creek	747	353	-53	-18	389	-48	-9	200
Pronghorn	286	101	-65	-45	101	-65	-45	0
County Road	66	33	-50	-50	33	-50	-50	0

* AP is Current Active Preference
** AU is the 5-year Average Use

TABLE 3 (Continued)
PROPOSED LIVESTOCK GRAZING

Allotment Name	Active Preference AUMs	Short-Term AUMs	AP %	AU %	Long-Term AUMs	AP %	AU %	Acres Improved
Baker Creek	1,090	550	-50	-47	611	-44	-41	1,000
Williams Creek	378	287	-24	-12	319	-16	-3	600
Henry Creek	240	240	0	0	240	0	0	0
Lake Creek	224	168	-25	-25	168	-25	-25	1,000
Ten Mile	30	30	0	-36	30	0	-36	0
Wimpey Creek	155	155	0	-49	155	0	-49	50
Dummy Creek	87	87	0	-40	87	0	-40	400
Haynes Creek	1,366	1,366	0	-1	1,366	0	-1	0
Lower Basin	783	500	-36	-28	693	-13	0	100
Baldy Basin	1,940	1,217	-37	-40	1,339	-31	-34	353
McDevitt Creek	2,203	1,486	-33	-21	1,635	-26	-13	400
Grouse Creek	2,206	1,468	-33	-25	1,919	-13	-2	750
Basin Creek	50	50	0	0	50	0	0	0
McNutt Creek	88	88	0	0	88	0	0	0
Roostercomb	1,287	776	-40	-37	1,230	-5	0	0
Little Sawmill	1,532	1,021	-31	-11	1,152	-25	0	350
Mill Creek	90	38	-58	-57	42	-54	-52	0
Walters	524	189	-64	56	208	-60	-52	0
Lee Creek	518	239	-54	-54	262	-49	-49	150
Big Spring	188	148	-21	-11	163	-13	-2	0
Horse Heaven	96	96	0	-3	96	0	-3	150
Everson Creek	85	26	-69	-62	29	-66	-57	0
Big Eightmile	53	41	-23	-33	45	-15	-27	0

* AP is Current Active Preference
** AU is the 5-year Average Use

TABLE 3 (Continued)
PROPOSED LIVESTOCK GRAZING

Allotment Name	Active Preference AUMs	Short-Term AUMs	AP %	AU %	Long-Term AUMs	AP %	AU %	Acres Improved
Nef #1	PUBLIC LAND DISPOSED - ALLOTMENT ELIMINATED							
Nef #2	100	36	-64	-76	40	-60	-74	0
Dump	30	25	-17	0	25	-17	0	0
State Section	45	40	-12	-47	45	0	-41	0
Deer Park	40	26	-35	-41	29	-28	-33	0
Adams Creek	27	27	0	0	29	+7	+7	0
Milk Creek	100	70	-30	-30	100	0	0	0
Timber Creek	883	695	-21	-12	765	-13	-3	500
Leadore Hill	114	114	0	0	114	0	0	0
Sandy Creek	483	398	-18	-10	438	-9	-1	22
Kinney Creek	144	144	0	+1	144	0	+1	50
Rattlesnake	266	207	-22	0	207	-22	0	0
Warm Springs	2,250	736	-67	-37	810	-64	-31	350
Pattee Creek	998	592	-41	-23	652	-35	-15	150
Gould Basin	971	872	-10	0	971	0	+11	31
Squaw Creek	1,510	872	-42	-45	960	-36	-39	100
Pritchard Gl.	416	377	-9	0	416	0	+10	0
Big Dry Canyon	288	139	-52	+100	139	-52	+100	100
Napo Canyon	573	356	-38	-40	445	-22	-25	50
Yearian Creek	3,494	2,300	-34	+5	2,764	-21	+26	800
L. Reese Creek	60	41	-32	0	60	0	+46	0
Cedar Gulch	190	160	-16	0	190	0	+19	150
Little Eightmile	287	193	-33	+42	287	0	+211	0

* AP is Current Active Preference
** AU is the 5-year Average Use

TABLE 3 (Continued)
PROPOSED LIVESTOCK GRAZING

Allotment Name	Active Preference AUMs	Short-Term AUMs	AP %	AU %	Long-Term AUMs	AP %	AU %	Acres Improved
Mollie Gulch	240	225	-6	+3	240	0	+10	50
Jakes Canyon	31	31	0	0	31	0	0	0
Turner	17	17	0	+31	17	0	+31	0
Free Strip	728	432	-41	-40	475	-35	-33	300
Leadore	28	18	-36	0	28	0	+56	418
Leadville	528	453	-14	-15	566	+7	+7	1,100
Hawley Creek	625	488	-22	-2	610	-2	+23	1,000
Bull Creek	235	141	-40	0	235	0	+66	100
Tex Creek	262	249	-5	-5	262	0	0	100
Powderhorn	5,035	3,196	-37	-36	3,517	-31	-30	1,000
Chamberlain	1,456	1,456	0	-3	1,456	0	-3	0
Center Ridge	2,333	1,770	-24	+88	1,947	-17	+208	50
Spring Canyon	3,379	2,569	-24	-6	2,826	-16	+4	500
Cottonwood	4,298	2,628	-39	-8	5,519	-33	+1	300
Smelter Gulch	732	732	0	-3	752	+3	0	400
Indianhead	1,308	986	-25	+36	1,308	0	+80	500
Mammoth/ Sawmill	2,465	1,370	-45	0	1,783	-28	+30	300
Coal Kiln	620	422	-32	0	606	-2	+44	900
Purcell Creek	28	28	0	0	28	0	0	0
Nez Perce	977	423	-57	-50	466	-48	-44	0

* AP is Current Active Preference
** AU is the 5-year Average Use

TABLE 3 (Continued)
PROPOSED LIVESTOCK GRAZING

Allotment Name	Active Preference AUMs	Short-Term AUMs	AP %	AU %	Long-Term AUMs	AP %	AU %	Acres Improved
WITHIN THE EIGHTEENMILE WILDERNESS STUDY AREA								
Powderhorn	1,073	681	-37	-36	750	-30	-30	0
Chamberlain	1,108	1,108	0	-3	1,108	0	-3	0
Cottonwood	788	482	-39	-9	530	-33	+1	0
ALLOTMENTS FROM ELLIS-PAHSIMEROI EIS								
Camp Creek	201	201	0	0	201	0	0	0
Iron Creek	1,202	1,202	0	0	1,202	0	0	0
Poison Creek	507	507	0	0	507	0	0	0
Findley Basin	66	44	-33	-33	66	0	0	40
Second Creek	152	152	0	0	152	0	0	0
Lime Creek	73	112	+53	+53	112	+53	+53	0
Fenced Pasture	24	24	0	0	24	0	0	0

* AP is Current Active Preference
** AU is the 5-year Average Use

TABLE 4
ALLOTMENT MONITORING, PRIORITY LIST

Priority Ranking	Allotment Name & Number	Studies: Actual Use*	Utilization*	Trend*	Field Observ.*	Other**
1	Big Dry Canyon 6234	X	O	O	X	LC
1	Bob Moore 6111	X	O	O	X	
1	Chamberlain Creek 6308	X	O	O	X	RP, LC, PF
1	Coal Mine 6115	X	O	X	X	
1	Cottonwood 6311	X	O	O	X	Ph
1	Deriar Creek 6107	X	O	O	X	
1	Findley Basin 4408	X	O	O	X	PF
1	Indianhead 6313	X	O	O	X	
1	Lake Creek 6126	X	O	O	X	
1	Lee Creek 6212	X	O	O	X	Ph, Rp
1	Little Eightmile 6239	X		O	X	
1	Napo Canyon 6235	X	O	O	X	LC
1	Nez Perce 6317	X	O	O	X	Ph
1	Powderhorn 6307	X	O	O	X	Ph
1	Pritchard Gulch 6233	X	O	O	X	
1	Roostercomb 6208	X	O	O	X	Ph
1	South Carmen 6106	X	O	O	X	Rp
1	Spring Canyon 6310	X	X	O	X	Ph
1	Walters 6211	X	O	O	X	Ph
1	Warm Springs 6229	X	O	O	X	Rp, Pd
1	West Fork Wimpey 6114	X	O	X	X	
1	Wimpey Creek 6128	X	O	O	X	LC
2	Badger Springs 6102	X	O	O	X	
2	Baldy Basin 6203	X	O	O	X	
2	Bull Creek 6305	X	O	O	X	Ph
2	Hot Springs 6116	X	O	X	X	
2	Joe Moore 6118	X	O	O	X	
2	Lower Basin 6202	X	O	O	X	
2	Mammoth/Sawmill 6314	X	O	O	X	
2	McDevitt Creek 6204	X	O	O	X	Rp
2	Milk Creek 6223	X	O	O	X	Ph
2	Pattee Creek 6230	X	O	O	X	Rp
2	Pratt Creek 6120	X	O	O	X	
2	Squaw Creek 6232	X	O	O	X	
2	Timber Creek 6224	X	O	O	X	Ph, Rp
2	Williams Creek 6124	X	O	O	X	
2	Yearian Creek 6236	X	O	O	X	Rp

*X = Study in place
O = Study needed

**Ph = Phenology
PF = Prescribed Fire
Pd = Production
PR = Photo Record
Rp = Riparian
LC = Livestock Counts (includes distribution patterns)

TABLE 4 (Continued)
ALLOTMENT MONITORING, PRIORITY LIST

Priority Ranking	Allotment Name & Number	Studies: Actual Use*	Utilization*	Trend*	Field Observ.*	Other**
3	Baker Creek 6123	X	0	0	X	
3	Bird Creek 6103	X	0	0	X	
3	Camp Creek 4101	X	0	X	X	
3	Cedar Gulch 6238	X	0	0	X	Ph, Rp
3	Coal Kiln 6315	X	0	0	X	Ph
3	Dummy Creek 6129	X	0	0	X	
3	Freeman Creek 6105	X	0	0	X	
3	Free Strip 6301	X	0	0	X	
3	Geertson Creek 6110	X	0	X	X	
3	Grouse Creek 6205	X	0	0	X	LC
3	Hawley Creek 6304	X	0	0	X	Ph
3	Horse Heaven 6214	X	0	0	X	
3	Iron Creek 4405	X	0	X	X	
3	Leadore Hill 6225	X	0	0	X	Ph
3	Leadville 6303	X	0	0	X	Ph
3	Little Sawmill 6209	X	0	X	X	Ph
3	Mollie Gulch 6240	X	0	0	X	Rp
3	Perreau Creek 6117	X	0	0	X	
3	Poison Creek 4406	X	0	X	X	
3	Smelter Gulch 6312	X	0	0	X	Ph
3	Tex Creek 6306	X	0	0	X	Ph
3	Tower Creek 6101	X	0	0	X	
4	Cabin Creek 4407	X	0	X	X	
4	Center Ridge 6309	X	X	X	X	
4	Haynes Creek 6201	X	0	X	X	
4	Rattlesnake Creek 6228	X	0	0	X	
5	Big Springs 6213	X			X	
5	Bohannon Creek 6113	X			X	
5	East Fork Wimpey Cr. 6119	X			X	
5	Gould Basin 6231	X			X	PR
5	Henry Creek 6125	X			X	
5	Jakes Canyon 6241	X			X	
5	Kinney Creek 6227	X			X	
5	Leadore 6302	X			X	
5	Lower Reese Creek 6237	X			X	
5	Pronghorn 6121	X			X	
5	Purcell Creek 6316	X			X	
5	Sandy Creek 6226	X			X	PR
5	Ten Mile 6127	X			X	

*X = Study in place
0 = Study needed

**Ph = Phenology
PF = Prescribed Fire
PR = Photo Record
Pd = Production
Rp = Riparian
LC = Livestock Counts (includes distribution patterns)

TABLE 4 (Concluded)
ALLOTMENT MONITORING, PRIORITY LIST

Priority Ranking	Allotment Name & Number	Studies: Actual Use*	Utilization*	Trend*	Field Observ.*	Other**
6	Adams Creek 6222	X			X	
6	Basin Creek 6206	X			X	
6	Big Eightmile 6216	X			X	
6	Chipps Creek 6112	X			X	PR
6	County Road 6121	X			X	
6	Deer Park 6221	X			X	
6	Diamond Creek 6104	X			X	PR
6	Dump 6219	X			X	
6	Everson Creek 6215	X			X	
6	Fenced Pasture 4403	X			X	PR
6	Fenster Creek 6108	X			X	PR
6	Kirtley Creek 6109	X			X	
6	Lime Creek 4404	X		X	X	
6	McNutt Creek 6207	X			X	
6	Mill Creek 6210	X			X	
6	Nef #2 6218	X			X	
6	Second Creek 4402	X			X	PR
6	State Section 6220	X			X	
6	Turner 6242	X			X	

*X = Study in place
0 = Study needed

**Ph = Phenology
PF = Prescribed Fire
Pd = Production
PR = Photo Record
Rp = Riparian
LC = Livestock Counts (includes distribution patterns)

TABLE 5
RESOURCE MONITORING AND EVALUATION PLAN

Element	Item	Location	Technique	Unit of Measure	Frequency	Information Warranting A Decision Change	Annual Cost
FOREST MANAGEMENT	Reforestation stocking survey	All past and present timber sale areas, plantations, and wildfires in timber types	Regeneration stocking survey method as outlined in April 24, 1985 District Instruction Memorandum	Trees/acre	Plantations: 1, 3, and 5 years following planting or until stocked and established; natural Regeneration: 5-year intervals until stocked and established	Identification of non-stocked timber stands	$1,500
	Timber sale contract compliance	All active timber sales	Timber sale inspections	Site inspection; monitoring compliance with timber sale contract	Minimum of twice per week during periods of logging activity	Noncompliance with contract specifications; exceeding environmental parameters of Idaho Forest Practices Act	$2,000
	Forest insect and disease reconnaissance	All timber stands	Aerial and field surveys	Number of infected acres & extent of infection	One USFS flight per year and random field reconnaissance	Data revealing above average occurrence of forest insects or disease	$ 500
VEGETATION	Utilization	All allotments	Key forage plant method (Draft Manual 4423)	Percent of forage plant removed	Annually (within 10 days after close of each grazing period)	Generally utilization greater than 50% on native range; special cases, riparian zones, meadows, vegetation treatment areas, seeding, fall use areas, etc., will require variation in allowable utilization levels.	$5,000
	Actual use	All allotments	Actual grazing use reports submitted by livestock operators; livestock compliance checks	Animal unit months (AUMs)	Annually	Consider with precipitation in determining why utilization is at monitored level.	$3,125

TABLE 5 (Continued)

Element	Item	Location	Technique	Unit of Measure	Frequency	Information Warranting A Decision Change	Annual Cost
VEGETATION (cont'd)							
	Precipitation	All allotments	Special site-specific precipitation gauges	Inches of precipitation	Quarterly year-long	Consider with actual use in determining why utilization is at monitored level.	$3,750
	Trend	a) All "I" category allotments with AMPs and selected "M" category allotments b) Allotments not under an AMP where adjustments in active preference are proposed	Nested frequency plot method, photos	Percent frequency of key species; percent ground cover	a) Annually for one complete grazing cycle, then after each grazing cycle b) First, third, and fifth year, then on a 5-year basis	(a and b) Downward index summary from base of 10 points	$27,500
	Condition	All allotments	Range Condition Guide as outlined in SCS National Range Handbook, Section 305	Percent pounds production compared to climax allowance	At the end of each grazing cycle for AMP areas; at 5-year intervals on other allotments	Condition reduced by 1 class or 10% from original reading (if latest reading is less than good or indications are that next reading will be less than good)	$3,750
WILDLIFE	Bald eagle	Salmon & Lemhi rivers	Aerial, winter	Number and age	Annually	20% or greater decrease in number for two consecutive years	$2,000
	Gray wolf	Approx. Sandy Creek to Eighteenmile Creek	Aerial winter, big game winter range condition, human activity levels	Extensive forage utilization transects and cover mapping; zones and estimated level of human activity	Annually and triannually	Downward trend in big game winter range condition; more than incidental or casual human activity	$3,600
	Idsho sensitive species	Throughout resource area	Observation of representative sites during key periods	Occupied sites and population levels	Annually	10% loss of occupied sites and numbers/site	$1,400

TABLE 5 (Continued)

Element	Item	Location	Technique	Unit of Measure	Frequency	Information Warranting A Decision Change	Annual Cost
WILDLIFE (cont'd)							
	Big game winter range condition	Selected ranges	Extensive browse transects	Age/fawn class utilization	3-year cycle	Over 70% utilization for 2 consecutive cycles	$5,000
			Pellet transects	Big game days/ac.	Annually	25% decrease in numbers	
			Utilization of grasses in key elk winter range	percent	2-year cycle	Over 30% utilization prior to winter	
	Distribution on winter range	Selected ranges	Aerial and ground surveys	Estimate numbers, location level of human activity	Annually	Any noticeable change in use areas for two comparable winters and/or apparent trend in numbers that seem unusual	$3,000
	Antelope habitat condition	Selected ranges	Canopy cover of sagebrush	Canopy cover of sagebrush, forb production index	Tri-annually (more frequently in areas subject to modification)	Any reduction of shrub canopy parameters as shown in Standard Operating Procedures	$5,000
			Guzzler observations	Number of animals and frequency of use	annually	No improvement in distribution and breeding territories	$1,000
	Sage grouse	Selected summer ranges	Guzzler observations	Number of birds & frequency of use	Annually	No improvement in distribution	
		Selected leks	Observation of leks during breeding season	Number of males	Annually	Population levels below 1981 levels	$2,000
		Selected wintering habitat	Photo, toe-point	% cover of shrubs and forbs	3-year cycle	20% decrease in key forbs and browse species (see Standard Operating Procedures)	$ 500
		Selected brood Rearing	Photo, toe-point	% cover of forbs and visual view of foliage height	Annually	Any decrease in forb composition until areas are back into satisfactory condition	$ 500
		Selected nesting	Photo, toe-point	% cover of sagebrush and amount of nesting material available	3-year cycle	10% variation from sage grouse guidelines (see Standard Operating Procedures)	$1,500

TABLE 5 (Continued)

Element	Item	Location	Technique	Unit of Measure	Frequency	Information Warranting A Decision Change	Annual Cost
WATERSHED	Water quality, Water temp., pH, dissolved O_2, water discharge, turbidity	McDevitt Creek, Hawley Creek, Pattee Creek, Henry Creek, Sevenmile Creek	Marsh-McBurney Meter, HACH water chemical analysis kit	Variable	Once every 2 years	Water quality parameters exceeding recommended state of Idaho standards	$ 225/ stream/ year
	Wetland/riparian areas	McDevitt Creek, Hawley Creek, Pattee Creek, Cow Creek, Sevenmile Creek, Henry Creek, Beercan Flats, Muddy Creek, Eighteenmile Creek	Photo transects	Variable	Once every 2 years	Streambank instability, heavy utilizations, woody riparian vegetation response	$ 75/ stream/ year
FISHERIES	Fisheries habitat	McDevitt Creek, Eighteenmile Creek, Sevenmile Creek	Photo transects	Variable	Once every 2 years	Streambank instability, heavy utilizations, woody riparian vegetation response	$ 75/ stream/ year
SOILS	Erosion	Bentonite badlands	Patrol, photo recordation, point step transect as needed	% ground cover, acres affected	3 to 5 years	Downward trend, limited response of desirable species	$ 1,500
	Compaction	Areas surrounding new troughs and guzzlers	Photo recordstion and bulk density samples	Pounds per cubic foot	Before installation and biannually thereafter	Information gathered will determine future sites to reduce existing compaction and identify highly compactable potential soils.	$ 2,000
RECREATION	General recreation use	All of resource area outside of special recreation management areas	Ocular reconnaisance, serial photography	Visitor counts, area inspections to look for vandalism, road proliferation	Two days/month, one flight/year, photos every 2nd year	Collected data revealing user conflicts, resource degradation, or safety hazards	$ 5,000/ year + $2,000 every other year.
	Developed site use	Developed Sites (7)	Ocular reconnaisance	Visitor counts, site damage, overuse of vegetation	Once every other week at each site	Vandalism, excessive wear and tear, or nonuse	$10,000

TABLE 5 (Concluded)

Element	Item	Location	Technique	Unit of Measure	Frequency	Information Warranting A Decision Change	Annual Cost
WILDERNESS	Interim management	Eighteenmile wilderness study area	Ocular and photo reconnaisance	Road proliferation, mining sites	Monthly	Any change to existing landscape	$ 5,000
CULTURAL RESOURCES	Condition of cultural resources	Cultural resource management plan areas, plus the remainder of the planning area	Patrol and observation	Number of impacts on sites	3 to 5 trips annually	Any adverse impact to site	$ 3,000
			Patrol and observation	Number of impacts on sites	3 to 5 trips per year	Any adverse impact to site	$2,000
NATURAL HISTORY OR PALEONTOLOGY	Condition of caves, natural history, or paleontological resources	Areas of geological interest	Photo inventory, patrol and observation	Number of impacts	Once every 2 years	Any new incidence of collecting or vandalism at any area	$1,000